

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald J. Melvin, Environmental Specialist

AREA: Port Townsend

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Prohibited, Unclassified

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from each station in the growing area 6 times during the year using the systematic random sampling method.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the approved portion pass the NSSP water quality standard. Sample station number 40, located just outside the "approved" area, has a 90th percentile of 34 and is of concern.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☐ Well within the classification standards
- ☒ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification and the area is correctly classified. Chimacum Creek, which discharges near sampling station #32, is on the 303D list for fecal coliform.

TABLE 1**SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **PORT TOWNSEND**Classification: **Approved, Prohibited, Unclassified**From **09/06/2000** To **11/22/2005****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
32	Approved	32	1.7 - 33.0	2.3	5.0	Yes
33	Approved	32	1.7 - 31.0	3.2	9.0	Yes
34	Approved	32	1.7 - 17.0	1.9	3.0	Yes
35	Approved	31	1.7 - 4.0	1.9	2.0	Yes
40	Approved	32	1.7 - 1,600.0	5.0	34.0	Yes
44	Approved	30	1.7 - 350.0	2.4	10.0	Yes
45	Approved	31	1.7 - 2.0	1.7	1.0	Yes
38	Prohibited	32	1.7 - 23.0	2.3	5.0	Yes
39	Prohibited	32	1.7 - 33.0	3.0	9.0	Yes
36	Unclassified	8	1.7 - 4.5	1.9	3.0	*N/A
37	Unclassified	12	1.7 - 2.0	1.7	1.0	*N/A
41	Unclassified	29	0.2 - 7.8	1.7	3.0	*N/A
46	Unclassified	1	1.7 - 1.7	1.7	1.0	*N/A
175	Unclassified	2	4.5 - 13.0	7.6	19.0	*N/A
176	Unclassified	15	1.7 - 2.0	1.7	1.0	*N/A
177	Unclassified	15	1.7 - 920.0	4.5	37.0	*N/A
178	Unclassified	15	1.7 - 6.8	2.2	4.0	*N/A
179	Unclassified	15	1.7 - 4.0	1.8	2.0	*N/A
180	Unclassified	15	1.7 - 11.0	1.9	3.0	*N/A
181	Unclassified	15	1.7 - 2.0	1.7	1.0	*N/A
186	Unclassified	3	1.7 - 1.7	1.7	1.0	*N/A
187	Unclassified	3	1.7 - 1.7	1.7	1.0	*N/A
188	Unclassified	3	1.7 - 1.7	1.7	1.0	*N/A

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *

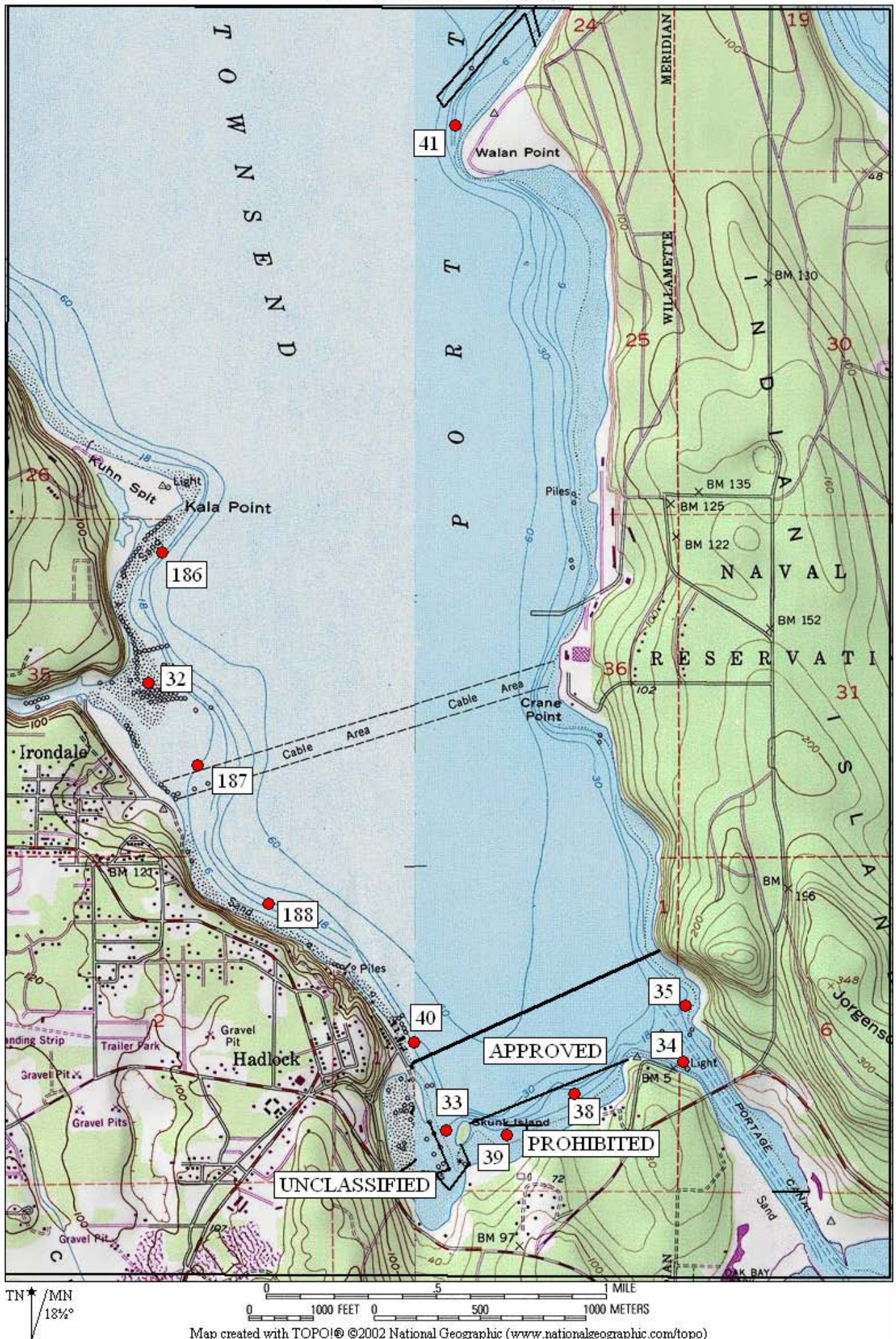
† All samples have been verified.

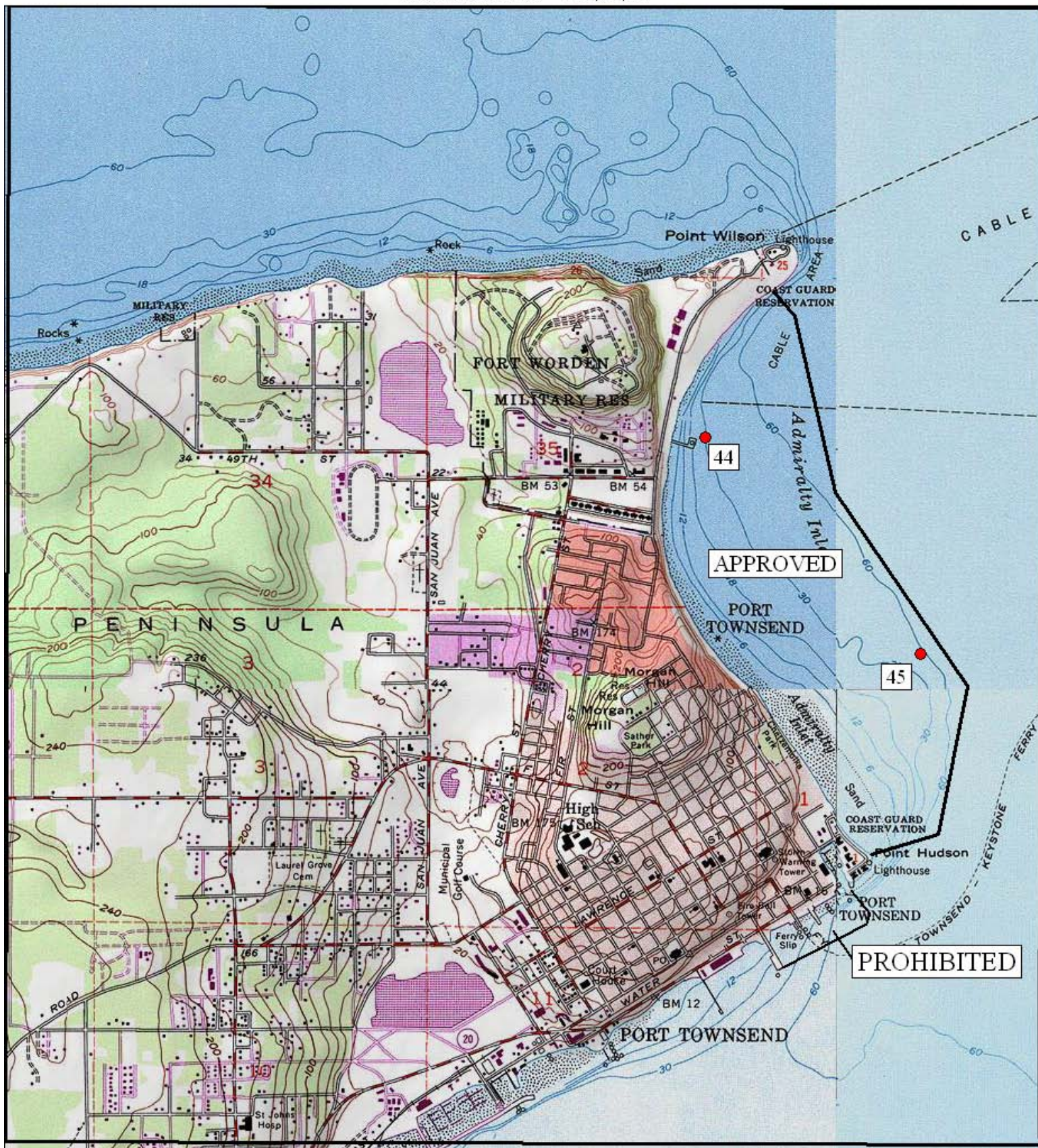


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